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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/686,895	10/16/2003	Hirofumi Onishi	ALPINE.036AUS	7531
<div>7590 03/22/2007 MURAMATSU &amp; ASSOCIATES 114 Pacifica Suite 310 Irvine, CA 92618</div>			<div>EXAMINER MANCHO, RONNIE M</div>	
			ART UNIT	PAPER NUMBER
			3663	
SHORTENED STATUTORY PERIOD OF RESPONSE		MAIL DATE	DELIVERY MODE	
3 MONTHS		03/22/2007	PAPER	

**Please find below and/or attached an Office communication concerning this application or proceeding.**

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

**Office Action Summary**

Application No.

10/686,895

Applicant(s)

ONISHI, HIROFUMI

Examiner

Ronnie Mancho

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 14 December 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-18 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## **DETAILED ACTION**

### ***Claim Rejections - 35 USC § 112***

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claims 1-18 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

In claims 1, 7, 13, it is not clear what all is meant and encompassed by “the type of the large structure”. It is not clear how large is large, etc. “Large” is a relative term in relation to what?

It is suggested that the applicant delete the phrase “a type of”, “the type of” to clarify the scope of the claims. These terms are really not relevant in the claim limitations as they only help to confuse the scope of the claims.

In claim 3, 4, etc, it is not clear what all is meant and encompassed by the phrase “a large structure”. That is the applicant does not provide the requisite degree by which one skilled in the art can ascertain the term, “large”.

The rest of the claims are rejected for depending on a rejected base claim.

### ***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

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(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1-18 are rejected under 35 U.S.C. 102(b) as being anticipated by Miyaki (US 2002/0130906).

Regarding claim 1, Miyaki (abstract, figs. 8-12A&B) discloses a display method for a navigation system, comprising the steps of:

receiving map data from a map data storage (14, fig. 1) and retrieving information on points of interest (POI 15, fig. 1) specified by a user;

examining whether the point of interest specified by the user in the retrieved information is located within a large structure (polygon, figs. 12A&B; figs. 11, sections 0055-0058);

retrieving an icon representing a type of the large structure (polygon, 12A&B; figs. 11, sections 0055-0058) in which the point of interest is located; and

displaying for displaying a list of names of points of interest specified by the user (see display 27, fig. 1; see lists in figs. 6 a, b, c);

wherein, when the specified a point of interest is located within the large structure, the list (figs. 6, 8, 12) includes the icon representing the type of large structure next to the name of the specified point of interest

Regarding claim 2, Miyaki (abstract, figs. 8-12A&B; figs. 11, sections 0055-0058) discloses the display method for a navigation system as defined in claim 1, wherein said step of examining whether the point of interest is located within a large structure includes a step of checking point coordinate data in the map data representing a location of the point of interest and polygon data (polygon, 12A&B; figs. 11, sections 0055-0058) in the map data representing an

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area of a land or a structure to see whether or not the location of the point of interest is included within the area of the land or structure.

Note! The dictionary meaning of “adjacent” does not mean connected to or directly beside. Reference is made to applicant’s figs. 12A&B of the prior art.

Regarding claim 3, Miyaki (abstract, figs. 8-12A&B; figs. 11, sections 0055-0058) discloses the display method for a navigation system as defined in claim 1, wherein said step of examining whether the point of interest is located within a large structure includes a step of comparing point coordinate data in the map data representing a location of the point of interest and polygon data in the map data representing an area of a land or a structure, and a step of determining whether or not the location of the point of interest is within a boundary of the large structure defined by the polygon data.

Regarding claim 4, Miyaki (abstract, figs. 8-12A&B; figs. 11, sections 0055-0058) discloses the display method for a navigation system as defined in claim 1, further comprising the step of: displaying detailed information on the large structure when the user specifies the icon representing the type of large structure.

Regarding claim 5, Miyaki (abstract, figs. 8-12A&B; figs. 11, sections 0055-0058) discloses the display method for a navigation system as defined in claim 4, wherein said detailed information on the large structure displayed on the navigation system includes a name and an address of the large structure.

Regarding claim 6, Miyaki (abstract, figs. 8-12A&B; figs. 11, sections 0055-0058) discloses the display method for a navigation system as defined in claim 4, wherein said step of

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displaying the detailed information on the large structure includes a step of producing a pop-up screen showing the detailed information on the monitor screen.

Regarding claim 7, Miyaki (abstract, figs. 8-12A&B; figs. 11, sections 0055-0058) discloses a display apparatus for a navigation system, comprising:

means for selecting a method for searching point of interest information;

a map data storage 14 which stores map data including point of interest information and large structure information;

a point of interest display control unit (26, 27) which examines the map data from the map data storage and determines whether a point of interest specified by a user is located within a large structure (see points of interest, figs. 6 a, b, c; see figs. 12 a, b for icon within large structure or polygon);

a memory 15 which stores icons where each icon represents a type of large structure expressed by the large structure information in the map data; and a monitor which displays information associated with the navigation system including a list of points of interest,

wherein said point of interest display control unit controls said monitor to display a list of names of points of interest specified by the user (see display 27, fig. 1; see lists figs. 6, 8), and when the point of interest specified by the user is located within the large structure, the list includes the icon representing the type of large structure next to the name of the specified point of interest (figs. 8, 12A&B; figs. 11, sections 0055-0058).

Regarding claim 8, Miyaki (abstract, figs. 8-12A&B; figs. 11, sections 0055-0058) discloses the display apparatus for a navigation system as defined in claim 7, wherein said point of interest display control unit checks point coordinate data in the map data representing a

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location of the point of interest and polygon data in the map data representing an area of a land or a structure to see whether or not the location of the point of interest is included within the area of the land or structure.

Regarding claim 9, Miyaki (abstract, figs. 8-12A&B; figs. 11, sections 0055-0058) discloses the display apparatus for a navigation system as defined in claim 7, wherein said point of interest display control unit compares point coordinate data in the map data representing a location of the point of interest and polygon data in the map data representing an area of a land or a structure, and determines whether or not the location of the point of interest is within a boundary of the large structure defined by the polygon data.

Regarding claim 10, Miyaki (abstract, figs. 8-12A&B; figs. 11, sections 0055-0058) discloses the display apparatus for a navigation system as defined in claim 7, wherein said point of interest display control unit causes said monitor to display detailed information on the large structure when the user specifies the icon representing the type of large structure.

Regarding claim 11, Miyaki (abstract, figs. 8-12A&B; figs. 11, sections 0055-0058) discloses the display apparatus for a navigation system as defined in claim 10, wherein said detailed information on the large structure displayed on the navigation system includes a name and an address of the large structure.

Regarding claim 12, Miyaki (abstract, figs. 8-12A&B; figs. 11, sections 0055-0058) discloses the display apparatus for a navigation system as defined in claim 10, wherein said point of interest display control unit causes said monitor to display a pop-up screen showing the detailed information on said large structure.

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Regarding claim 13, Miyaki (abstract, figs. 8-12A&B; figs. 11, sections 0055-0058) discloses the display apparatus for a navigation system, comprising:

means for receiving map data from a map data storage and retrieving information on points of interest specified by a user;

means for examining whether or not the point of interest specified by the user in the retrieved information is located within a large structure (figs. 6, 8, 12);

means for retrieving an icon representing a type of the large structure in which the point of interest is located; and

means for displaying a list of names of points of interest specified by the user (27, fig. 1);

wherein, when the point of interest is located within the large structure, the list (figs. 6, 8, 12) includes the icon representing the type of large structure adjacent to the name of the specified point of interest.

Regarding claim 14, Miyaki (abstract, figs. 8-12A&B; figs. 11, sections 0055-0058) discloses the display apparatus for a navigation system as defined in claim 13, wherein said means for examining whether the point of interest is located within a large structure includes means for checking point coordinate data in the map data representing a location of the point of interest and polygon data in the map data representing an area of a land or a structure to see whether or not the location of the point of interest is included within the area of the land or structure.

Regarding claim 15, Miyaki (abstract, figs. 8-12A&B; figs. 11, sections 0055-0058) discloses the display apparatus for a navigation system as defined in claim 13, wherein said means for examining whether the point of interest is located within a large structure includes a



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step of comparing point coordinate data in the map data representing a location of the point of interest and polygon data in the map data representing an area of a land or a structure, and means for determining whether or not the location of the point of interest is within a boundary of the large structure defined by the polygon data.

Regarding claim 16, Miyaki (abstract, figs. 8-12A&B; figs. 11, sections 0055-0058) discloses the display apparatus for a navigation system as defined in claim 13, further comprising means for displaying detailed information on the large structure when the user specifies the icon representing the type of large structure.

Regarding claim 17, Miyaki (abstract, figs. 8-12A&B; figs. 11, sections 0055-0058) discloses the display apparatus for a navigation system as defined in claim 16, wherein said detailed information on the large structure displayed on the navigation system includes a name and an address of the large structure.

Regarding claim 18, Miyaki (abstract, figs. 8-12A&B; figs. 11, sections 0055-0058) discloses the display apparatus for a navigation system as defined in claim 16, wherein said means for displaying the detailed information on the large structure includes means for producing a pop-up screen showing the detailed information on the monitor screen.

### ***Response to Arguments***

5. Applicant's arguments filed 12/14/06 have been fully considered but they are not all persuasive. The 112 first paragraph rejections in the action dated 6-29-06 have been withdrawn.

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The applicant argues that the term, “large” is clear. It is noted that applicant does not provide the requisite degree whereby “large” can be ascertained. The term, “large” is a relative term in relation to what?

The use of the word “type” in the limitation that is already clear without the word “type” confuses the scope of the claim. See MPEP 2173.05

The applicant argues that the prior art does not disclose the claimed invention. The examiner disagrees. The prior art, Miyaki anticipates the limitations:

displaying for displaying a list of names of points of interest specified by the user (see display 27, fig. 1; see lists in figs. 6 a, b, c);

wherein, when the specified a point of interest is located within the large structure, the list (figs. 6, 8, 12) includes the icon representing the type of large structure next to the name of the specified point of interest..

Applicant’s argument that “Icons of points of interest are not displayed on the navigation system, but only the icon of the large structure is displayed.....” is not part of the claimed limitation. Miyaki (figs. 6, 8, 12) show a list of names of points of interests, wherein the point of interest is located within a large structure and the name of the point of interest is adjacent the point of interest. It is further noted that Miyaki disclose many embodiments. Some embodiments show icons of points of interest wherein the names of the icons are displayed next to the icon, wherein the icons represent large structures (see for e.g. fig. 9B, 12A, 12B). The embodiments of figs. 6a, 6b, etc show a list of icons wherein names of the icons are displayed next to the icon.

The rest of the arguments are not relevant to the claimed limitations.

***Conclusion***

6. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

***Communication***

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ronnie Mancho whose telephone number is 571/272/6984. The examiner can normally be reached on Mon-Thurs: 9-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jack Keith can be reached on 571-272-6878. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Ronnie Mancho  
Examiner  
Art Unit 3663

3/8/07

  
JACK KEITH  
SUPERVISORY PATENT EXAMINER